IMemoMan

User Manual

Ver. 1.0

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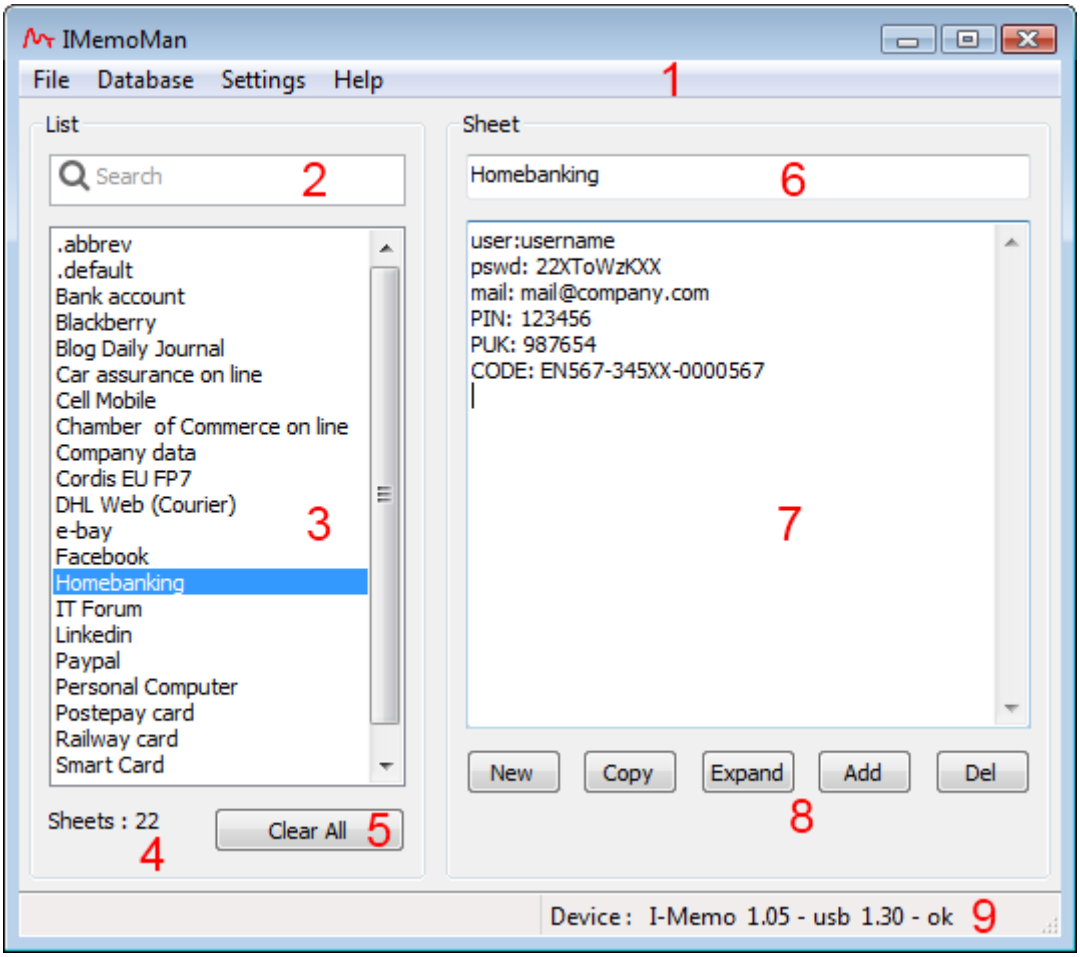
1. User Interface



1. Menu Bar
2. Text field to search sheets on the list
3. List of sheets
4. Number of sheets in the list
5. Button for operation on the list
6. Text field for the title of the sheet
7. Text field for the contents of the sheet
8. Buttons for operating on the sheet
9. Status Bar

2. PC connection by USB port

2.1 Driver installation

Before connecting I-Memo to your PC, install the driver following the instructions of the "Driver Installation Guide".

It's possible to download Driver and Guide in the "Support" section of the web site www.menstecnica.com (we'd like advise you that for some systems could be necessary to restart the PC to make effective changes).

2.2 PC connection

To access the database through the program I-Memo IMemoMan proceed as follows:

1. Start IMemoMan program on your PC;
2. With I-Memo off, insert the USB cable into a USB port on the computer and the USB port of I-Memo, I- Memo will turn on automatically;
3. User authentication by passing a finger over the sensor;
4. Move the trackball to the right until the window "*com*" and then select the USB;
5. Just IMemoMan will be connected to I-Memo, on the status bar the name and version of the device will be displayed;
6. Now you can upload, edit, save, import and export the database, perform backup and restore data.
7. When finished close the program and remove the cable from the USB port of I-Memo, it will turn off automatically.

For reasons related to data security, keep in mind the following precautions:

1. The database access is allowed only after the authentication successful procedure.
2. Turning off or unplugging I-Memo when the program is opened the loaded data will be deleted automatically
3. If you off the program with I-Memo connected, it will turn off automatically after a set time to sleep.

3. Menu

3.1 Menu File

Data Backup

Allow to save on the PC a security and encrypted copy of I-Memo database. The copy is associated to the fingerprints inserted at the initialization step of the device. The generated file has the extension .Ibak.

Data Restore

Allow to restore a copy of the database previously saved on the PC. Together data will be restored fingerprints inserted in the initialization phase, for which the access is allowed only with the original fingerprints.

Firmware Update

Allow the update of the I-Memo firmware with a new firmware released by Menstecnica srl. The updating file has the extension *.iupd* .

Exit

Turn off the program.

3.2 Menu Database

Load

Uploads the list of sheets from I-Memo device. Use this item at the beginning of editing. The operation requires authentication.

Store

Saves changes to the list of sheets on I-Memo device. Use this item when you are finished editing and / or import.

Export

Allows to export the list of sheets in a text file. We recommend using this option with caution, because the generated text file is not encrypted and could therefore be read by unauthorized persons. For the file format see the section below “Import”.

Import

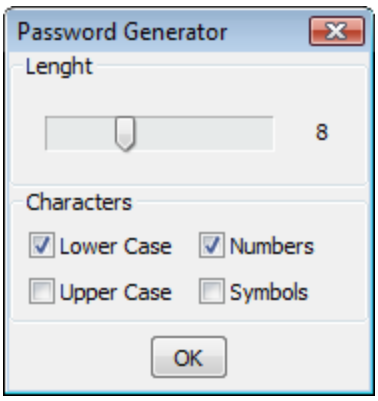
Adds to the list of sheets currently loaded new sheets contained in a text file. For the format of the text file see the next section “Data import in a text file” ahead .

3.3 Menu Options

Password

Allows you to specify parameters for generating random passwords. You can specify password length from 4 to 16 characters and if the password must contain upper and/or lower letters, numbers and symbol.

Random passwords are gene rating by inserting the abbreviation >P as described following in the section “*Operations on the sheet*”



Language

Allows to choose the using language. At the first execution of the program are asked to select the language automatically. Then you can change language simply to change your chosen from the menu “Options ¬ Language”. To make active change you must close and re-start the program.

3.4 Menu Help

Information

Shows some information about the program, as the author and the serial number

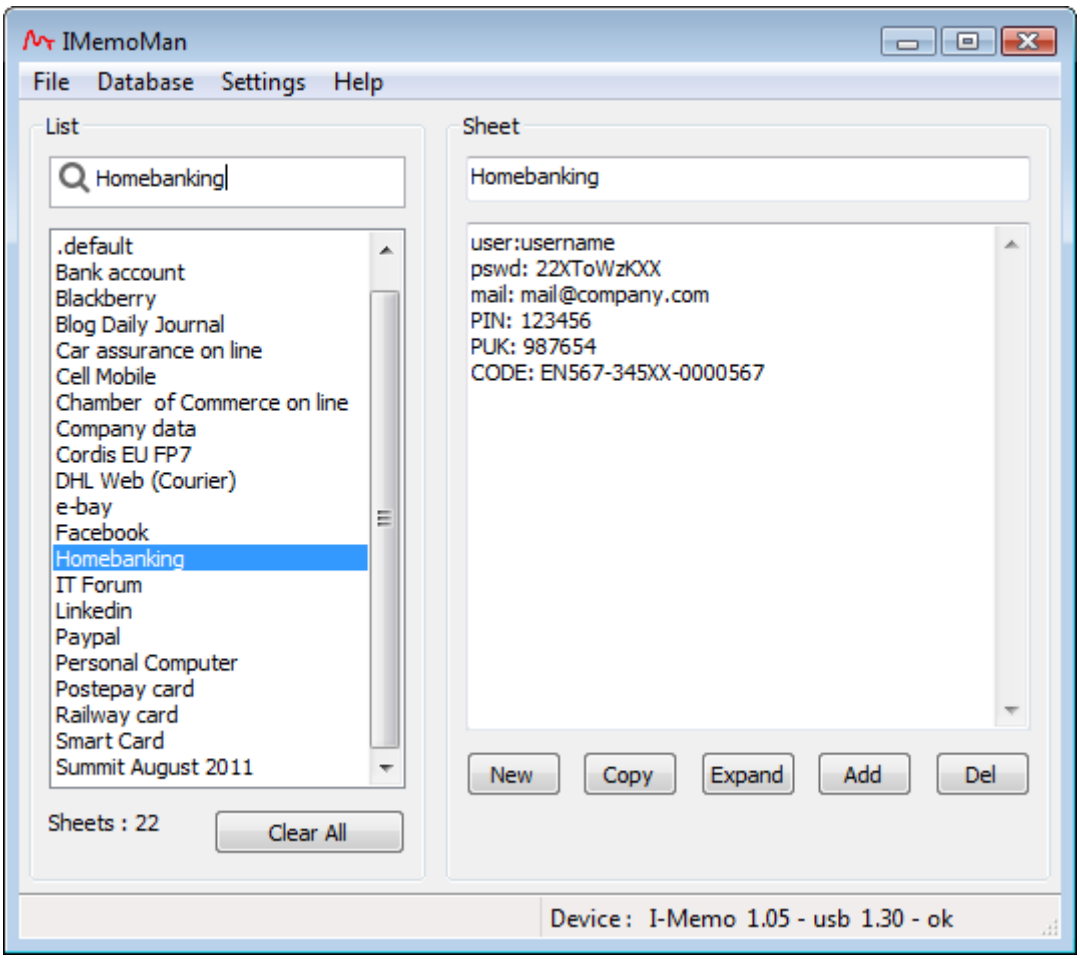
4. Operations on the list of sheets

4.1 Selection

Once opened IMemoMan and connected I-Memo device, the database is downloaded by the Menu Load, the list of the sheets appears in the left window (if there are no sheets on the I-Memo device nothing appears). The number of the sheets contained on the database is displayed lower on the left below the list.
To scroll the list up and down using side scroll bar and select the desired sheet by clicking on it with the left mouse button. In this way you can view or modify the desired sheet.
It's possible to delete the entire content of the list pressing "Delete" below the list. Any change to the list may be transferred to I-Memo and saved selecting the item "Write" from the menu.

4.2 Sheet search

The search for a particular sheet in the list is possible through the search box placed above the list on the left. Write the initials of the title of the desired sheet on the search box. The list will be scrolled up to viewed the sheets that meets search criteria or those closest. If the text entered on the search box coincides perfectly with the title of the sheet, this one will be highlighted.



5. Operations on the sheets

5.1 Modify sheets

After selecting one sheet from the list, the title and content will appear on the right respectively in the top (title) and bottom (content) text boxes. It's possible to modify both texts. To confirm the changes press "*Add"* botton below the text box. If necessary, the list will be updated.

5.2 Delete sheets

After selecting one sheet from the list, the title and content will appear on the right respectively in the top (title) and bottom (content) text boxes. If is possible to delete the sheet pressing the button "Del" located below the text box on the right side.

5.3 Add sheets

It is possible to add a new sheet following two ways. If you press the "*New*" button below the text box a new sheet will be created with some default fields reset and the title box empty. If you select a sheet from list and press the button "*Copy*", a new sheet will be create copying the title and content from the selected sheet. In both cases, press the "*Add"* button to add new tab to the list.

5.4 Expansion of abbreviations

It's possible to insert abbreviation useful for the management and quick use of the sheet content. An abbreviation is a word composed by two characters of the type: >X, where X is any alphabetic character, uppercase or lowercase. Press the button "*Esp*" below the text box to expand abbreviations and then the button "Add" to confirm changes.

The default abbreviation >P is replaced with a random password automatically generated with characteristics settled using the item "*Password*" on the section Menu "*Options*".

Can be defined up to 32 Abbreviations using the special sheet "*.abbrev*." as described following under the section *Special sheets*.

6. Special sheets

6.1 Default sheet

The special sheet *Default* lets you to customize the default content f the sheets created by the item “New”. The default sheet is a sheet that contains in the title: *.default* (with the initial dot), the content is defined by user. If in your database is present the *Special sheet “.default”*, its content will be copied in all new sheets created with the button “*New*”, otherwise it is used the standard content.

6.2 Abbreviation sheet

The Special sheet *Abbreviation* allows you to add new abbreviations defined by the user. The Abbreviation sheet is a sheet that contains in the title: *.abbrev* (with the initial dot), the content is a list of abbreviations defined by user associated to the text to replace. An abbreviation is a word composed by two characters of the type: >X, where x could be any alphabetic letter (uppercases or lowercases are indifferent), except >P already used to generate random password, otherwise it is ignored.

If your database contains the sheet *.abbrev*, when you insert one abbreviation contained on the sheet .abbrev in any point of a new or existing sheet, the abbreviation will be replaced with the full text associated to the abbreviation by the user.

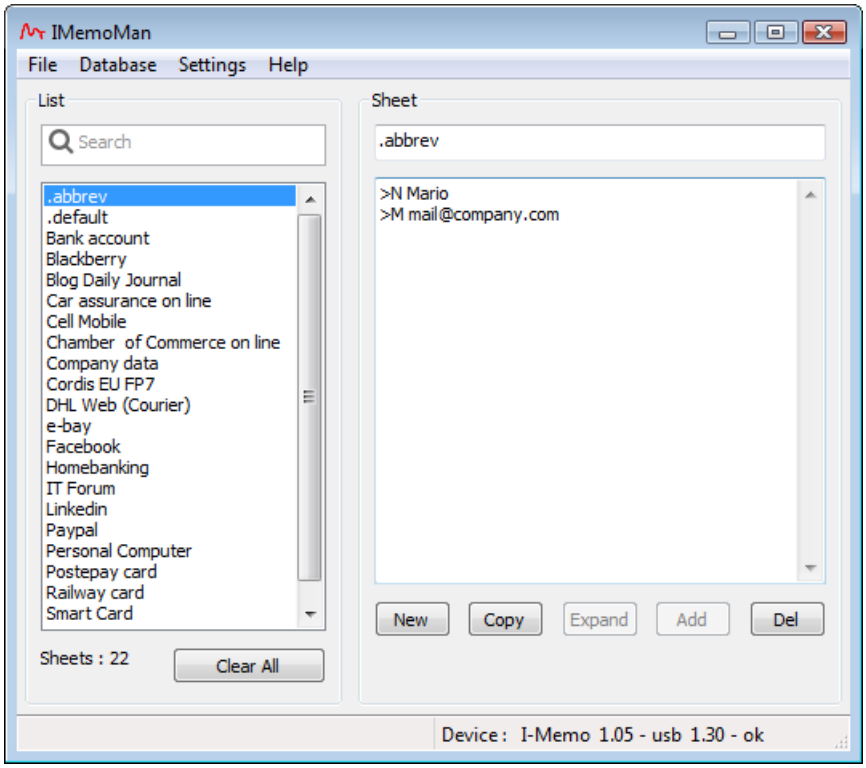
The content of the sheet *.abbrev* must meet the following format: each line must begin with an abbreviation followed by a space and the text to replace: >X *text to replace* .
Up to 32 abbreviations are possible.
For example the content of the sheet *.abbrev* could be the following:

>N myName

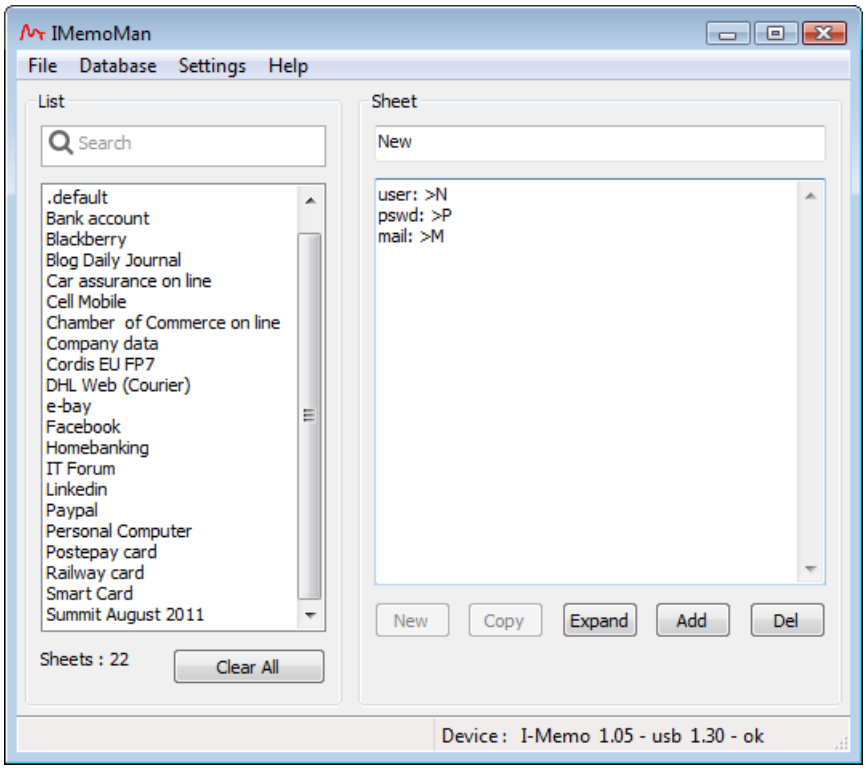
>S mySurname

>M mymail@mycompany.com

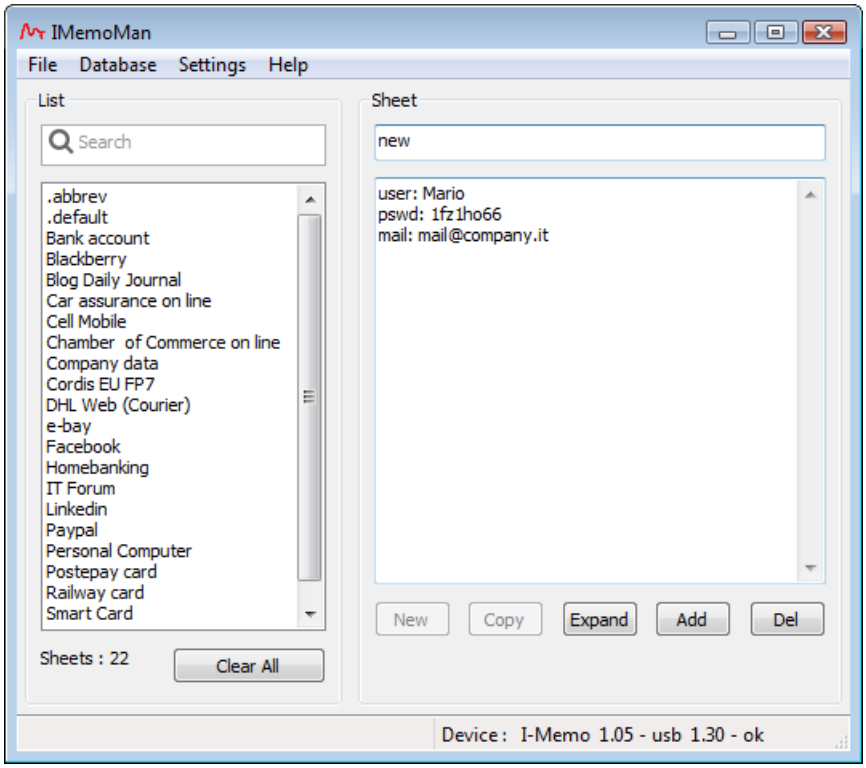
>C mypersonalcode



Abbreviations



Original text



Expanded text

7.Tex File of data Import and Export

7.1 Format of the text file import and export operations

Items *Export* and *Import* on the Menu make possible to export and import the database content.
Export transfers the entire database in a text file. *Import* adds data to the pre-existing database, in this way it makes possible to paste two or more text files.
The imported or exported file is a file .txt. The format of the .txt file must be the following:

- each file contains a list of one or more sheets;

- each sheet begins with a text line for the title (32 characters max);

- Under the title text line, one or more text line follow composing the content;

- each card have to end with a blank line

Example:

title sheet 1
first line sheet 1
second line sheet 1

title sheet 2
first line sheet 2
second line sheet 2
third line sheet 2

title sheet 3
first line sheet 3
second line sheet 3

The *Import* operation allows to import data from other databases or lists, on condition that the format file is .txt and the sheets are filled as described above.

Each sheet is composed by a title with 32 characters max (the characters in excess are ignored) and each sheet must be composed by 448 characters max (including spaces and returns).

Please, remember to end Import operation by selecting the item Store from the Menu Database in order to record changes on I-Memo.